GSFC Software Development Process Website Overview

June 7, 2005

Presented by: Mike Stark

Software Process Improvement (SPI) Project

Agenda

- **Overview of Website Main Pages**

- **Website Demonstration**

- **Question and Answer Session**

Purpose and Objectives

■ **Purpose - Provide an overview of the Software Development Process Website contents and information views available**

■ **Objective - After this class you should:**

    – **Know what information is available on the website**

    – **Know where to find specific information**

    – **Know how to navigate through the available "views" to find what you are looking for**

   – **Know how to provide feedback on the processes and on the web pages**

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What's on the Website?

- **Process Improvement Information**
- **Process Asset Library (PAL)**
    - **Policies**
    - **Processes and Subprocesses**
    - **Procedures**
    - **Guidelines**
    - **Templates**
    - **Checklists**
    - **Role Descriptions**
- **Training and Conference Information**
- **Tools and Tool Information**
- **Measurement Information**
- **Lessons Learned Information**

GSFC Process Improvement Main Page

URL: http://software.gsfc.nasa.gov/

What's on this page …

- **Services**
- **News and Upcoming Events**
- **General information**
- **Conferences**
- **Page links**
- **View options**
- **Web page feedback link (on each page)**
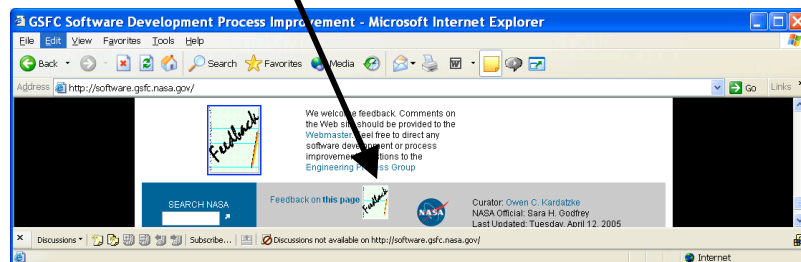
Process Asset Library (PAL) Main Page

http://software.gsfc.nasa.gov/process.cfm

What's on this page …
- ■ **Links to PAL information**
- ■ **Links to PAL asset**
- ■ **Links to other standards and policies**
- ■ **View options**
- ■ **Process asset feedback link**
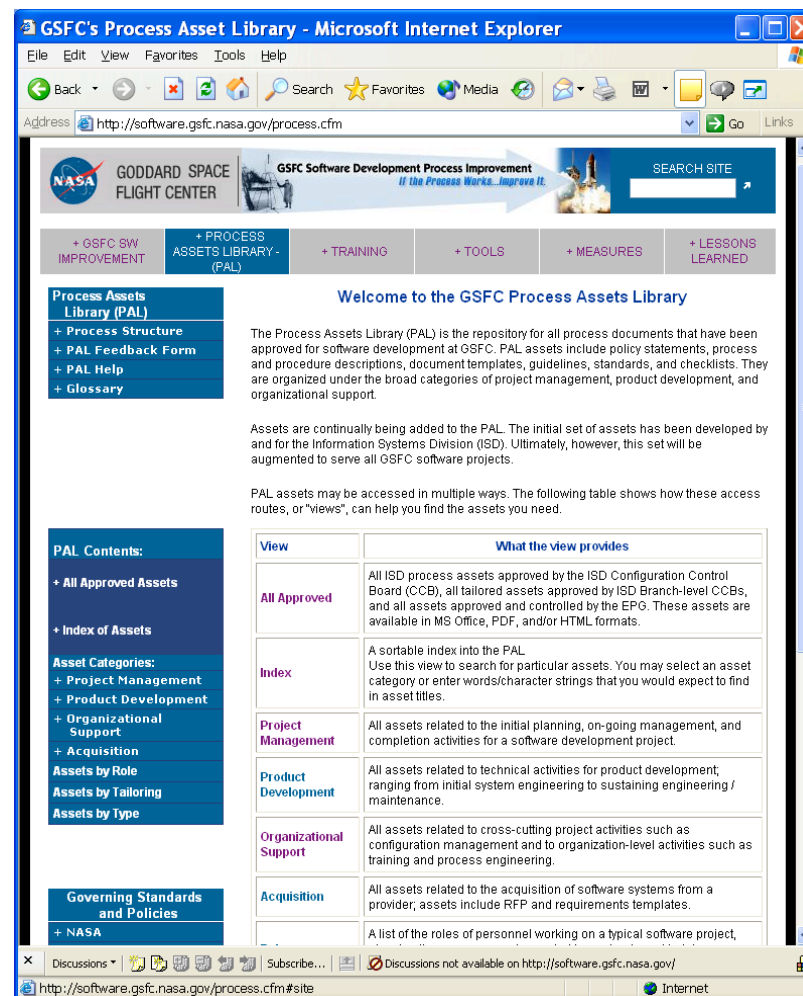
GSFC Training Program Main Page

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http://software.gsfc.nasa.gov/training.cfm

What's on this page …

- **Links to ISD Training Program information**
- **Links to conference information**
- **Access to experts**
- ***Future* – information on training services**
- **Links to other training programs**

Software Tools Main Page

http://software.gsfc.nasa.gov/tools.cfm

What's on this page …

■ **Tool Assets**

■ **Views of tools by role**

■ **Links to other tool sites**

– **GSFC Tool Sites**

– *Future* – **NASA Tool Sites**

– **Industry and Academia Tool Sites**

Software Measurement Main Page

http://software.gsfc.nasa.gov/metrics.htm

What's on this page …
- ■ **Project Measurement Information**
- ■ **ISD Measurement Program Information**
- ■ **GSFC Measurement Information**
- ■ **NASA Measurement Information**

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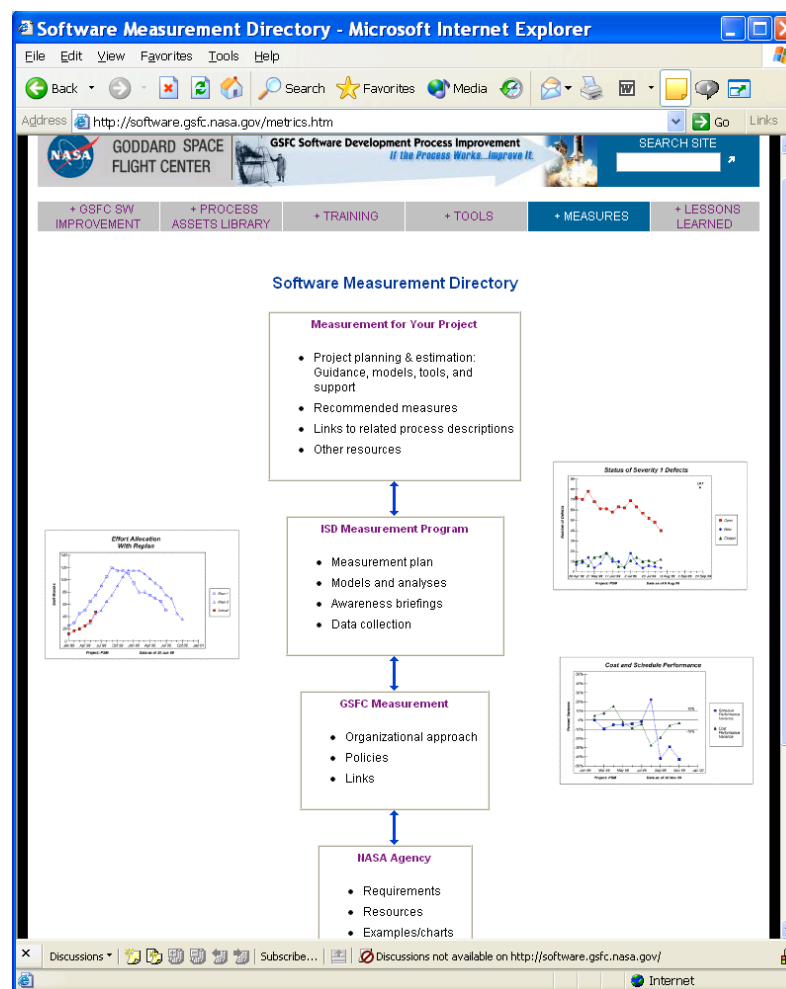
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Lessons Learned Main Page

http://software.gsfc.nasa.gov/lessons.cfm

What's on this page …

- ■ **New Lessons Learned**
- ■ **SW Golden Rules**
- ■ **Lessons Learned Assets**
  - – **By Role Category**
  - – **By Category**
  - – **By Phase**
  - – **By Project**
- ■ **Links to other lessons learned sites**
- ■ **Glossary**

- **Provide feedback on assets or the PAL**
  - Go to *http://software.gsfc.nasa.gov/index.cfm*
  - Highlight process name and click for a *Feedback Form*

Getting Help

■ **Get help when you need it**

- **Sally Godfrey – Software Process Improvement Manager**
  - *Sara.H.Godfrey@nasa.gov*

- **Sanjeev Sharma – Software Process Improvement**
  - *Sanjeev.K.Sharma@nasa.gov*

Website Demonstration

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Questions